

FIG. -1-

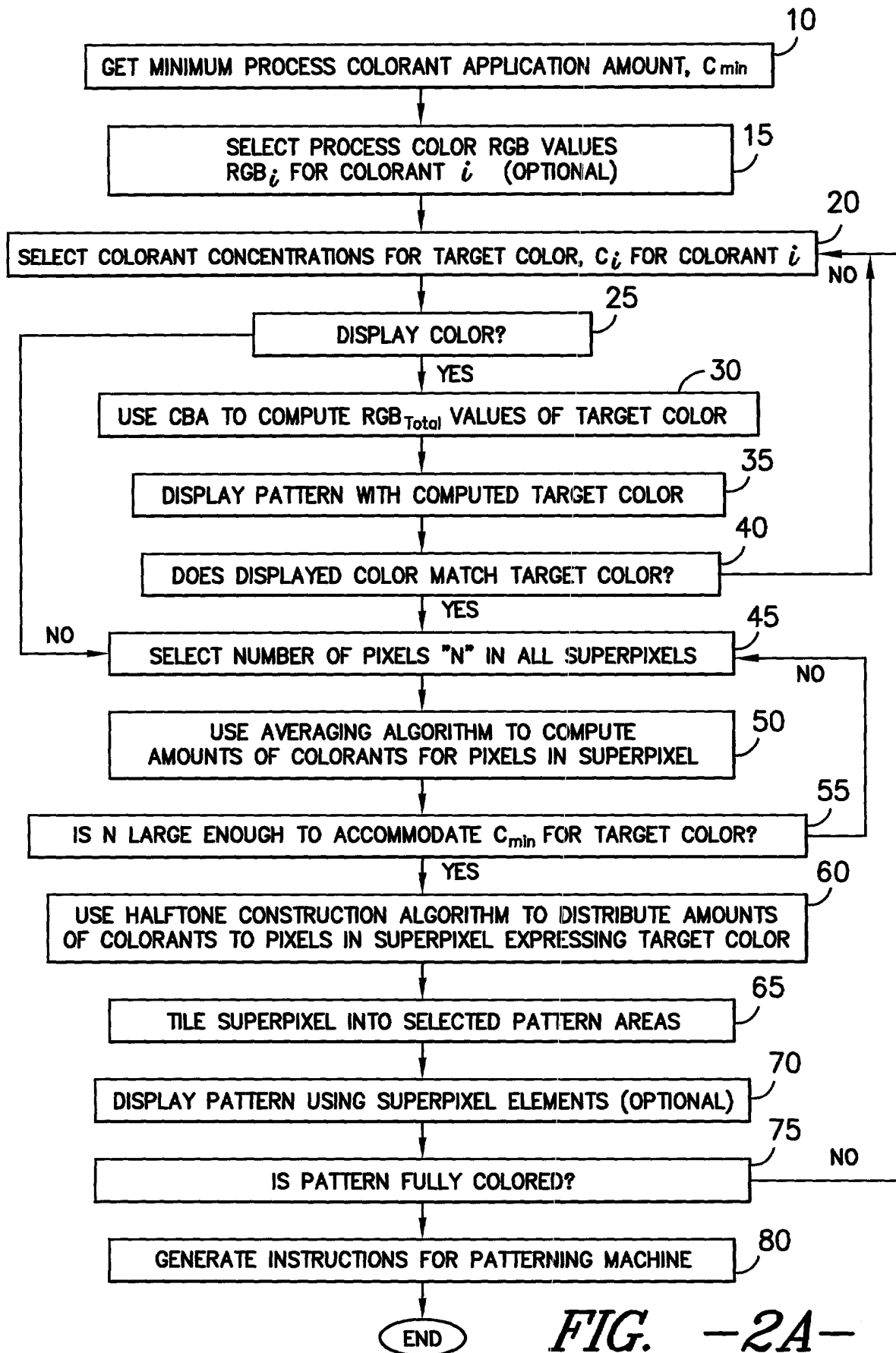


FIG. -2A-

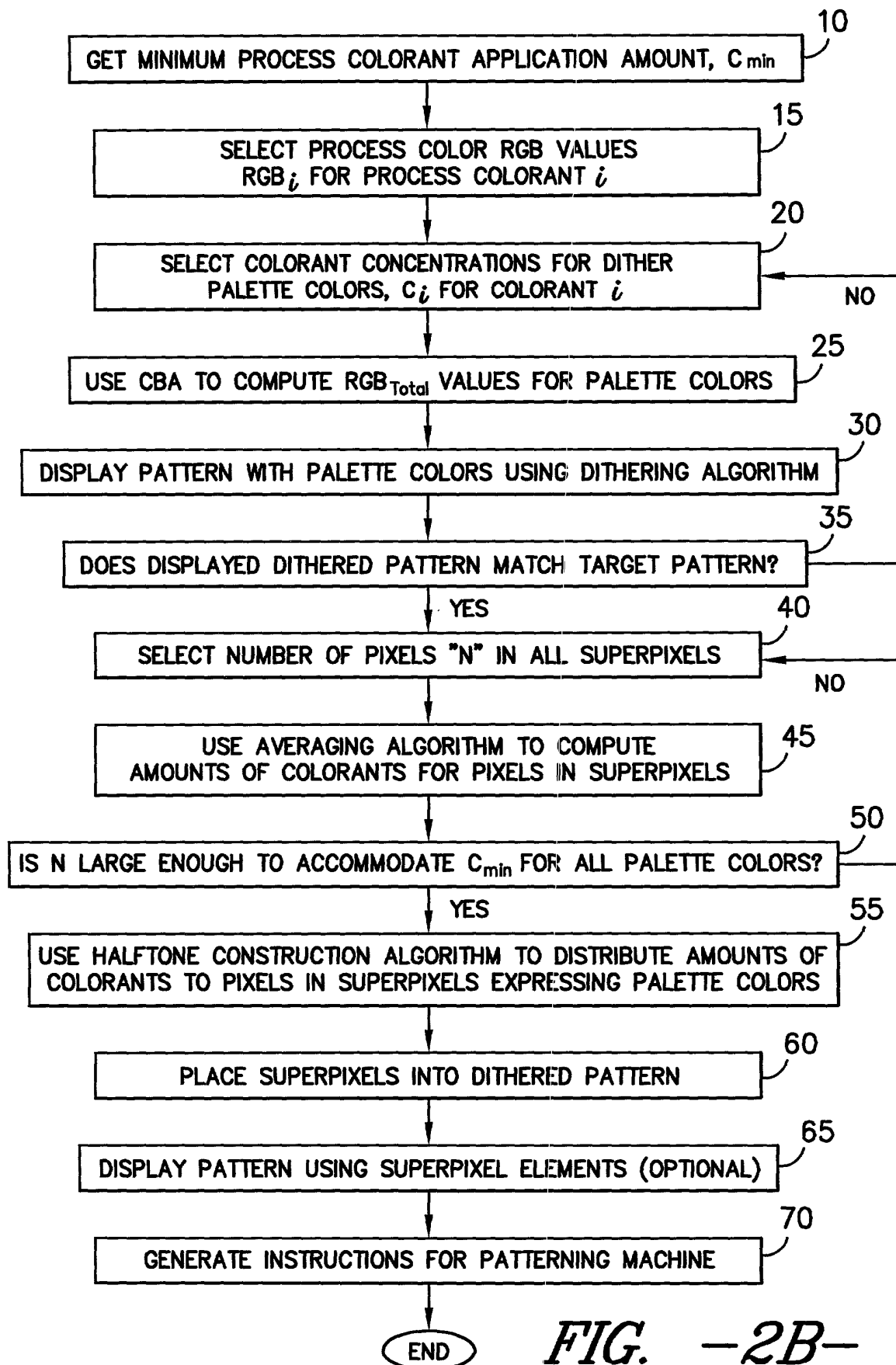
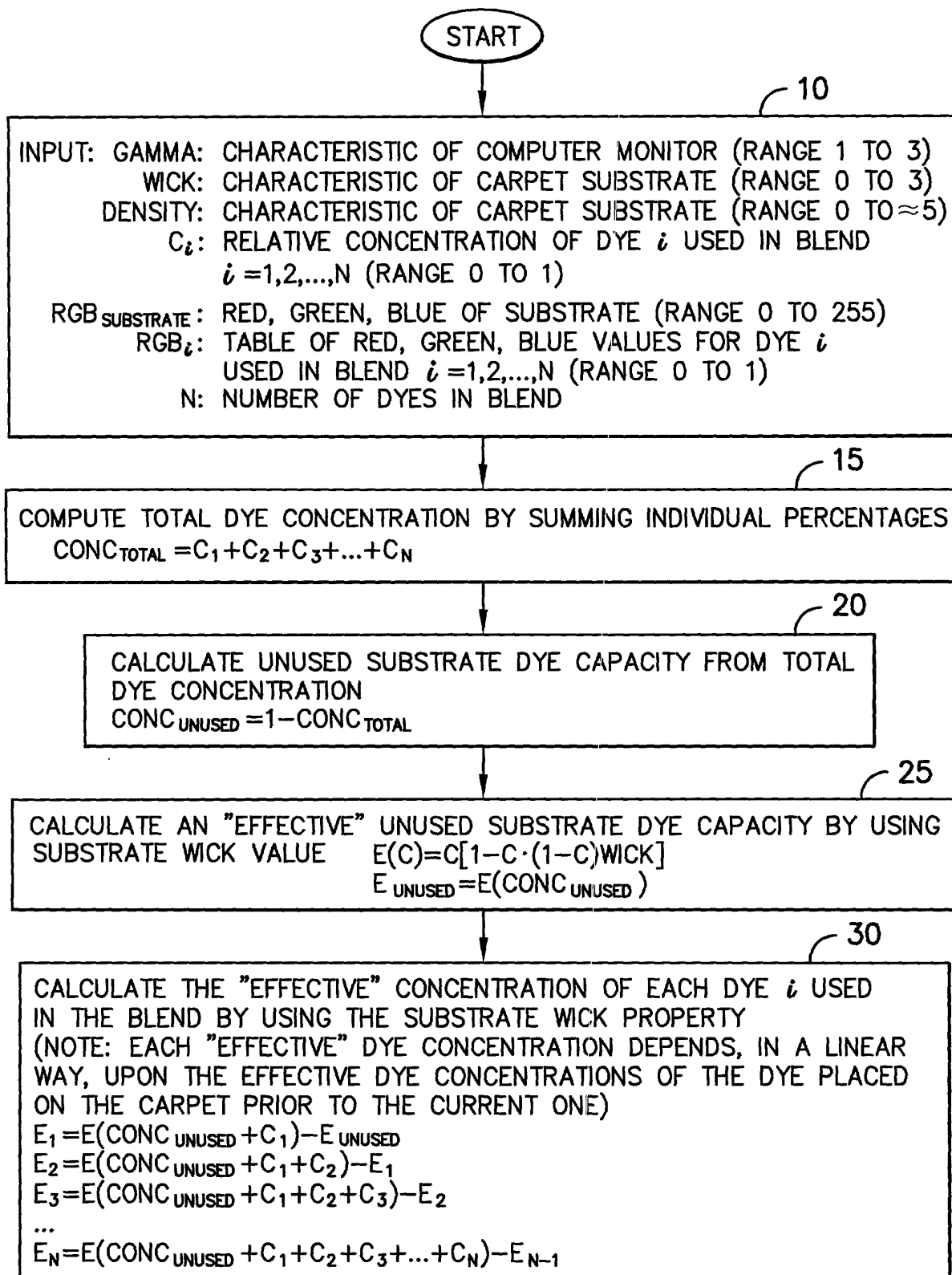


FIG. -2B-



A

FIG. -3A-

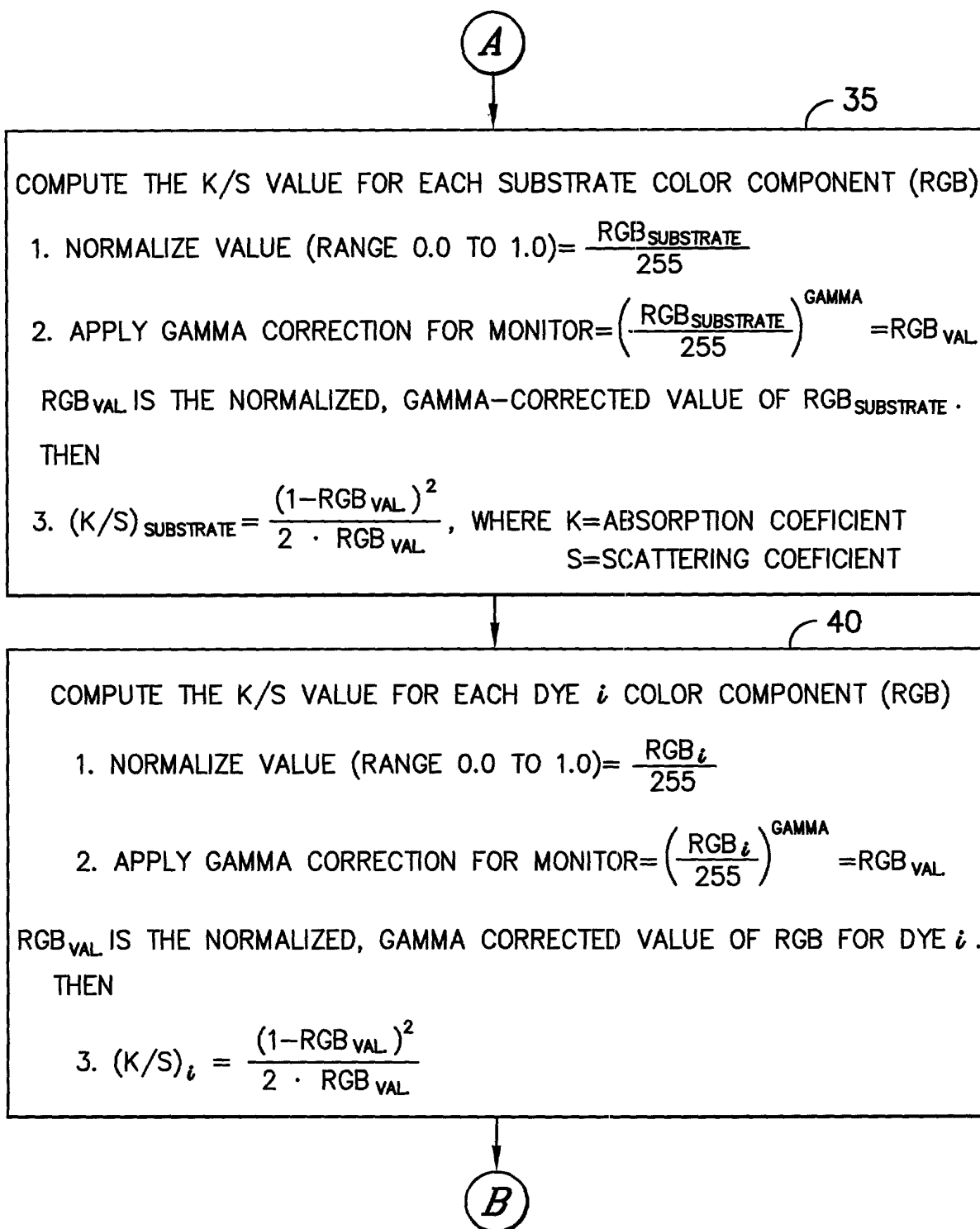


FIG. -3B-

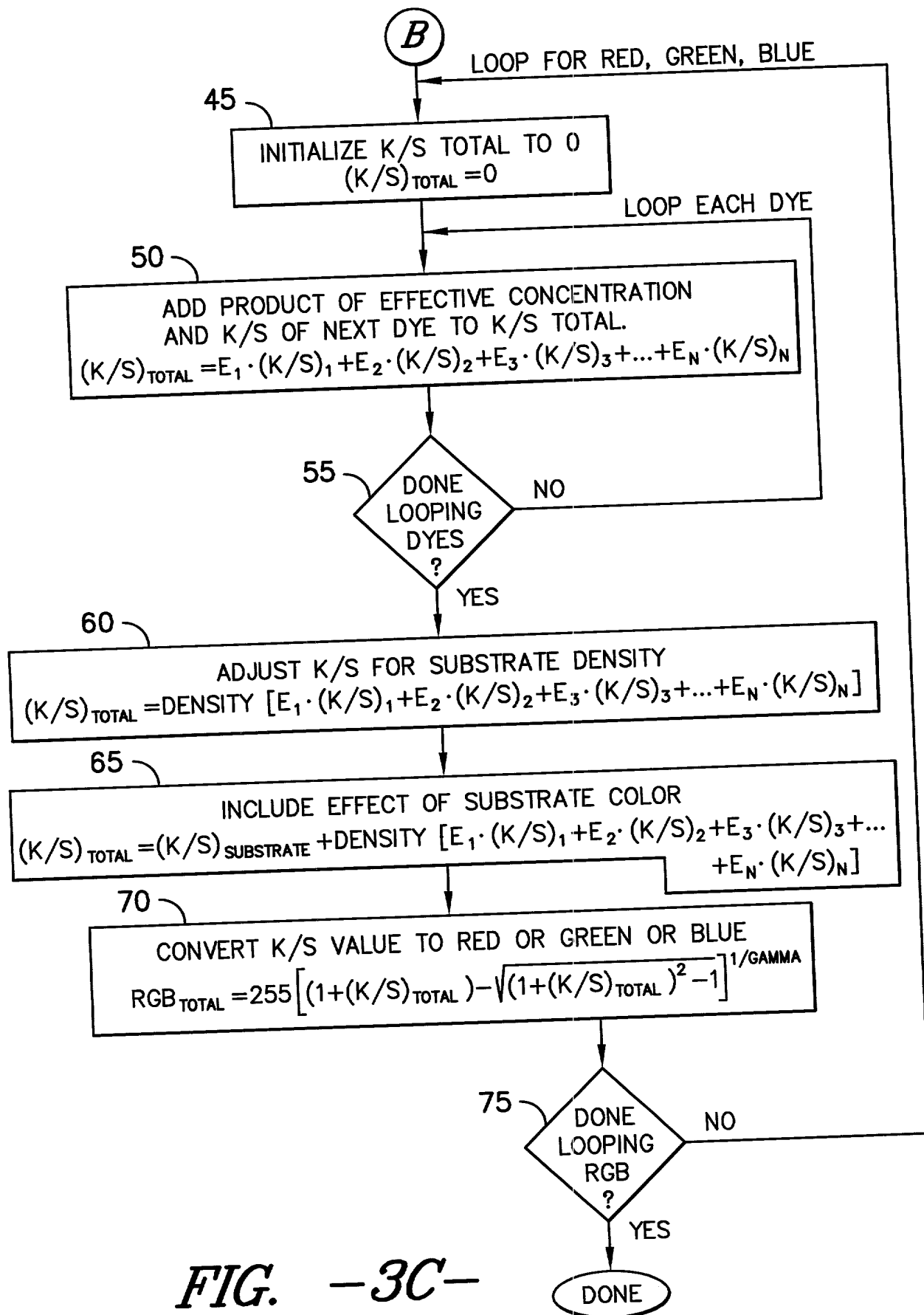


FIG. -3C-

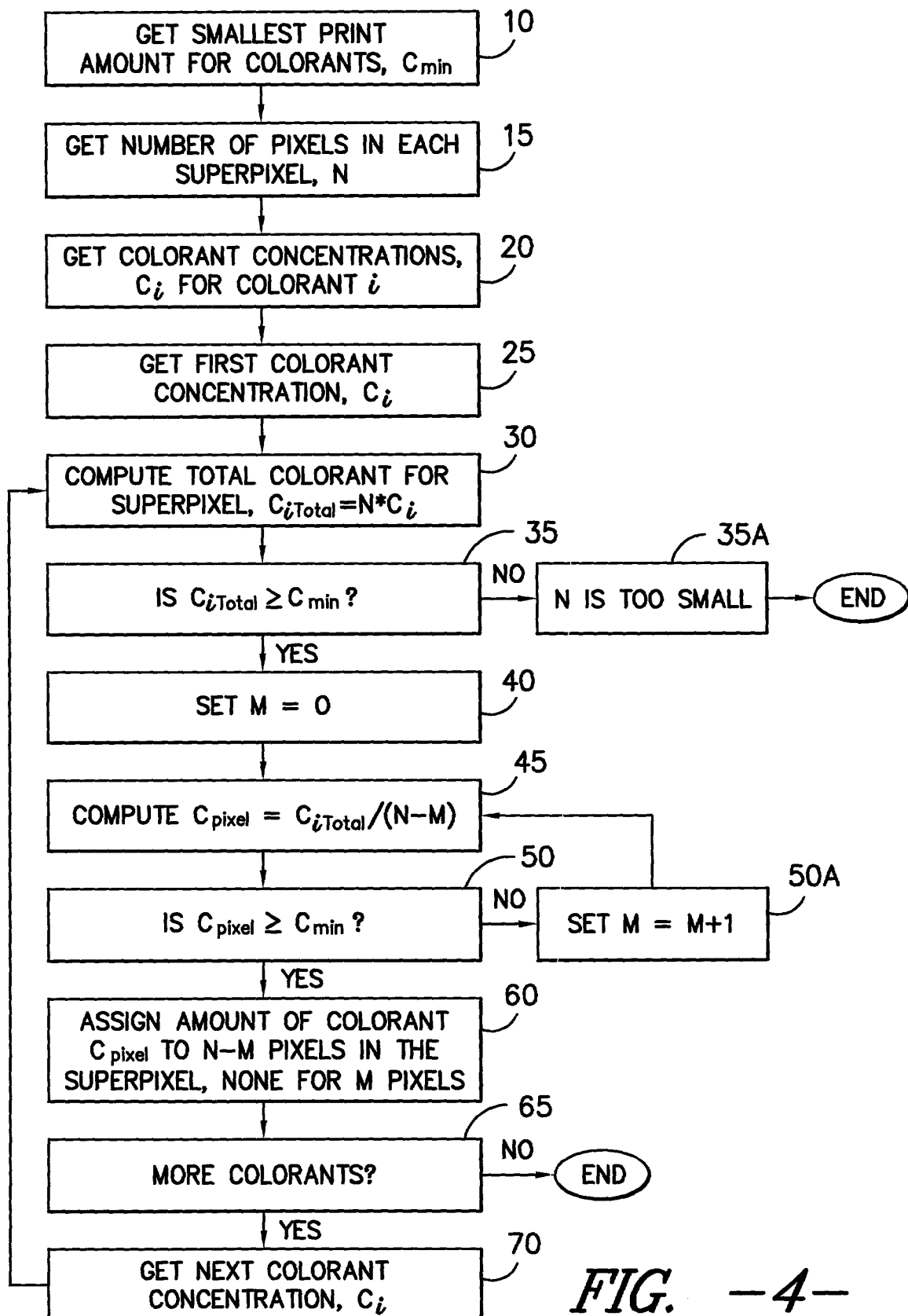


FIG. -4-

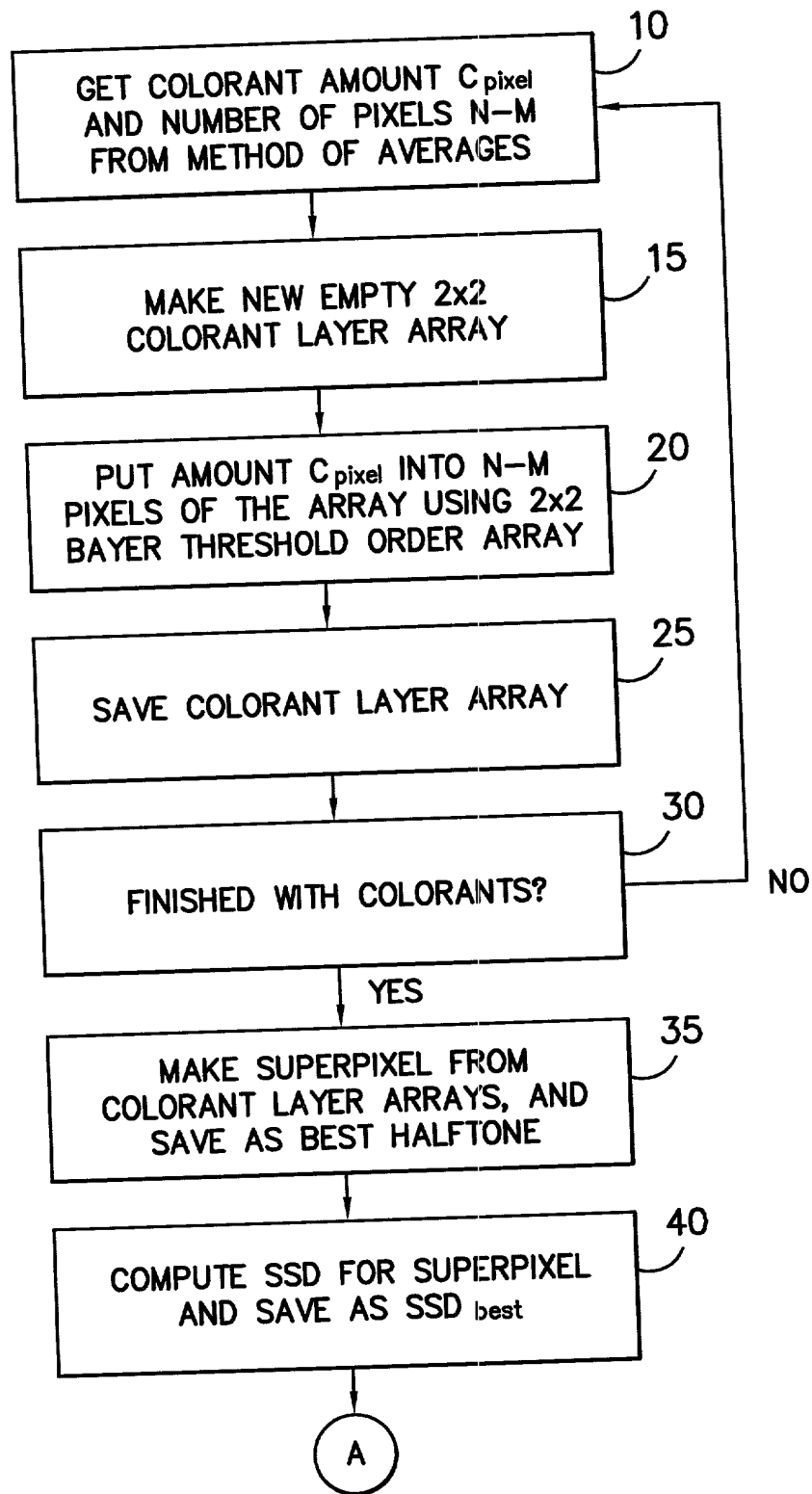


FIG. -5A-

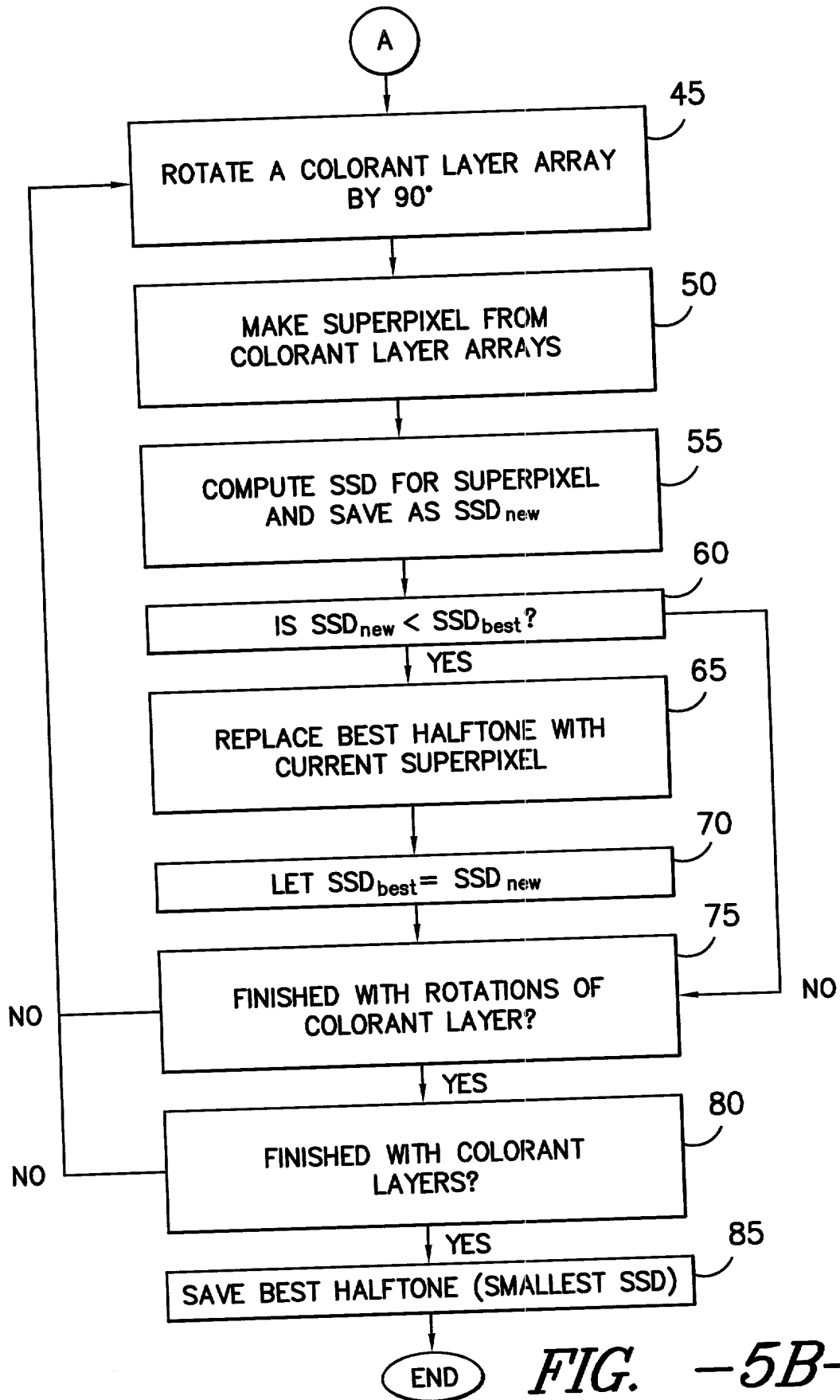


FIG. -5B-

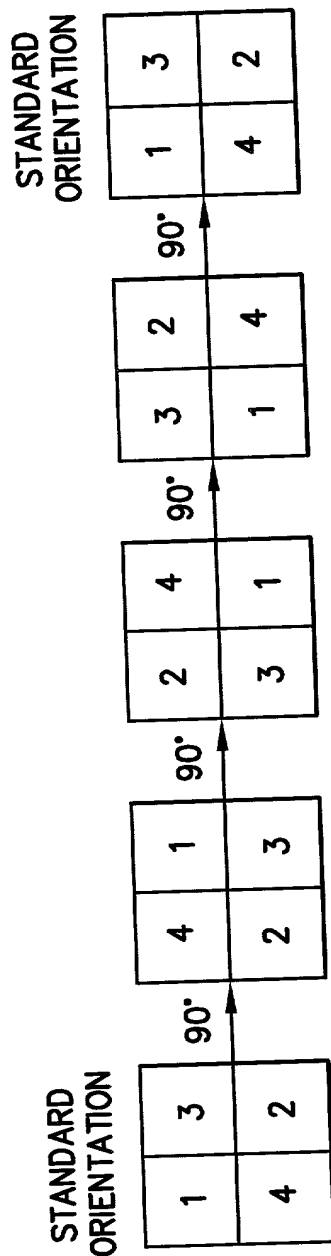


FIG. -6-

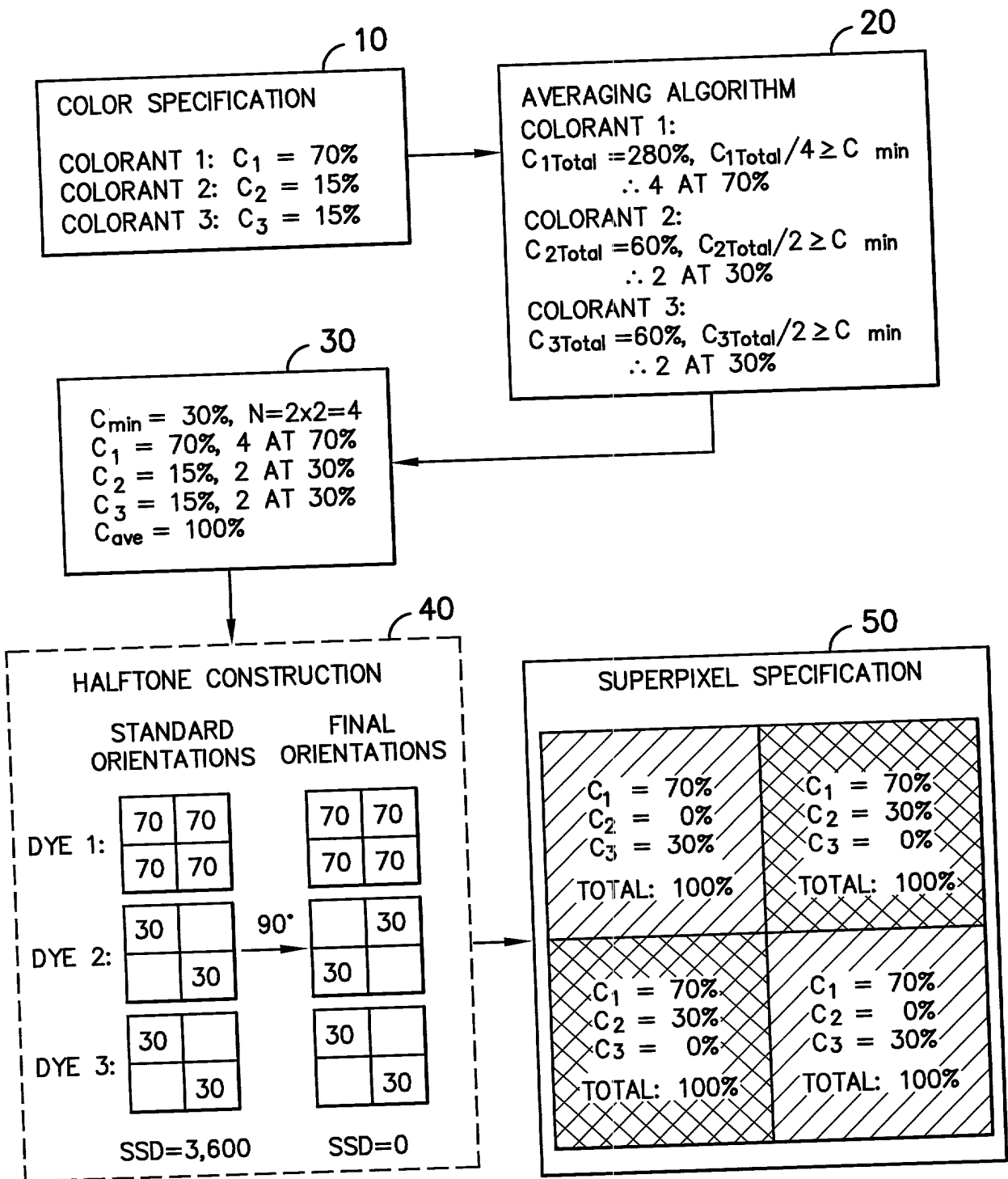


FIG. -7-

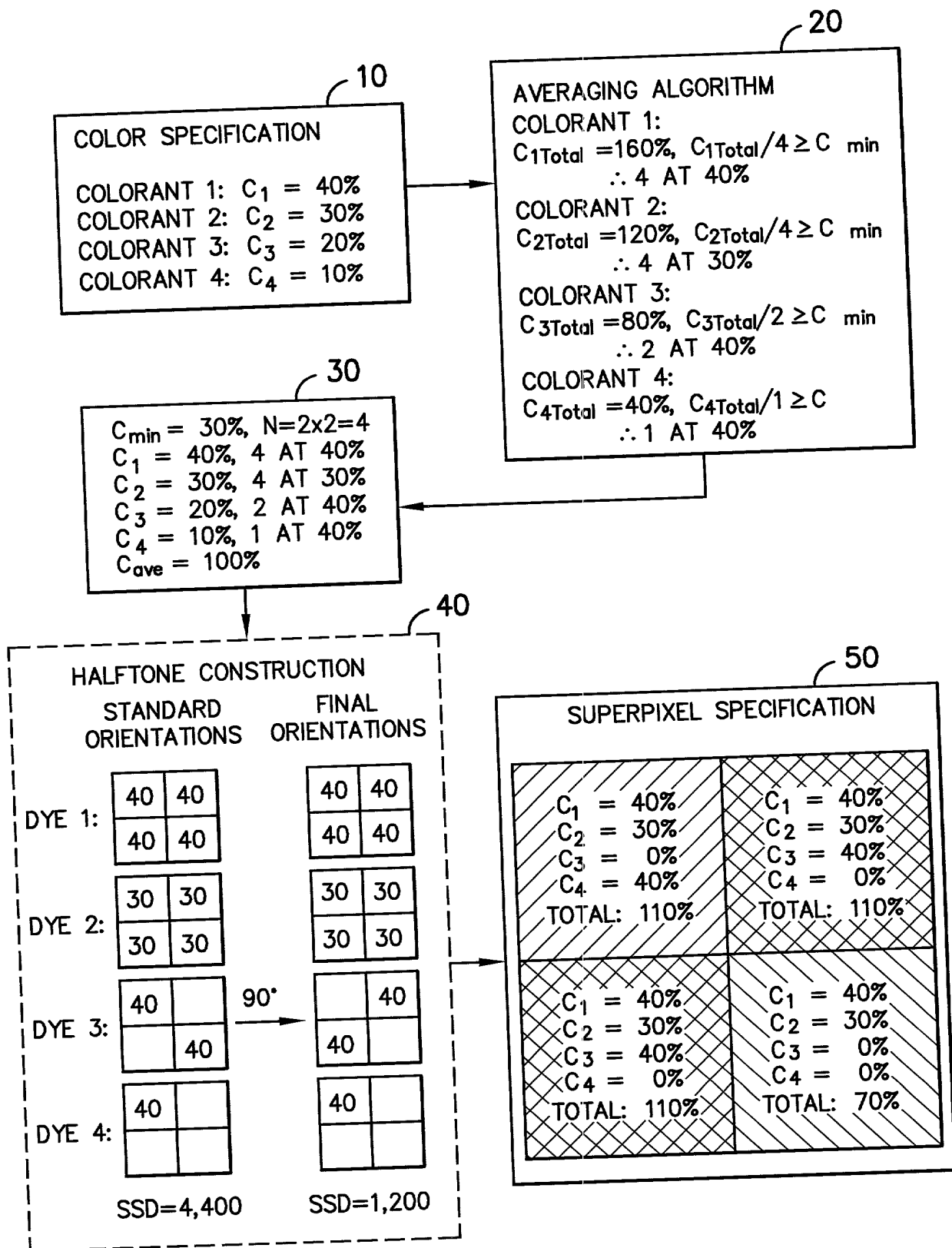


FIG. -8-

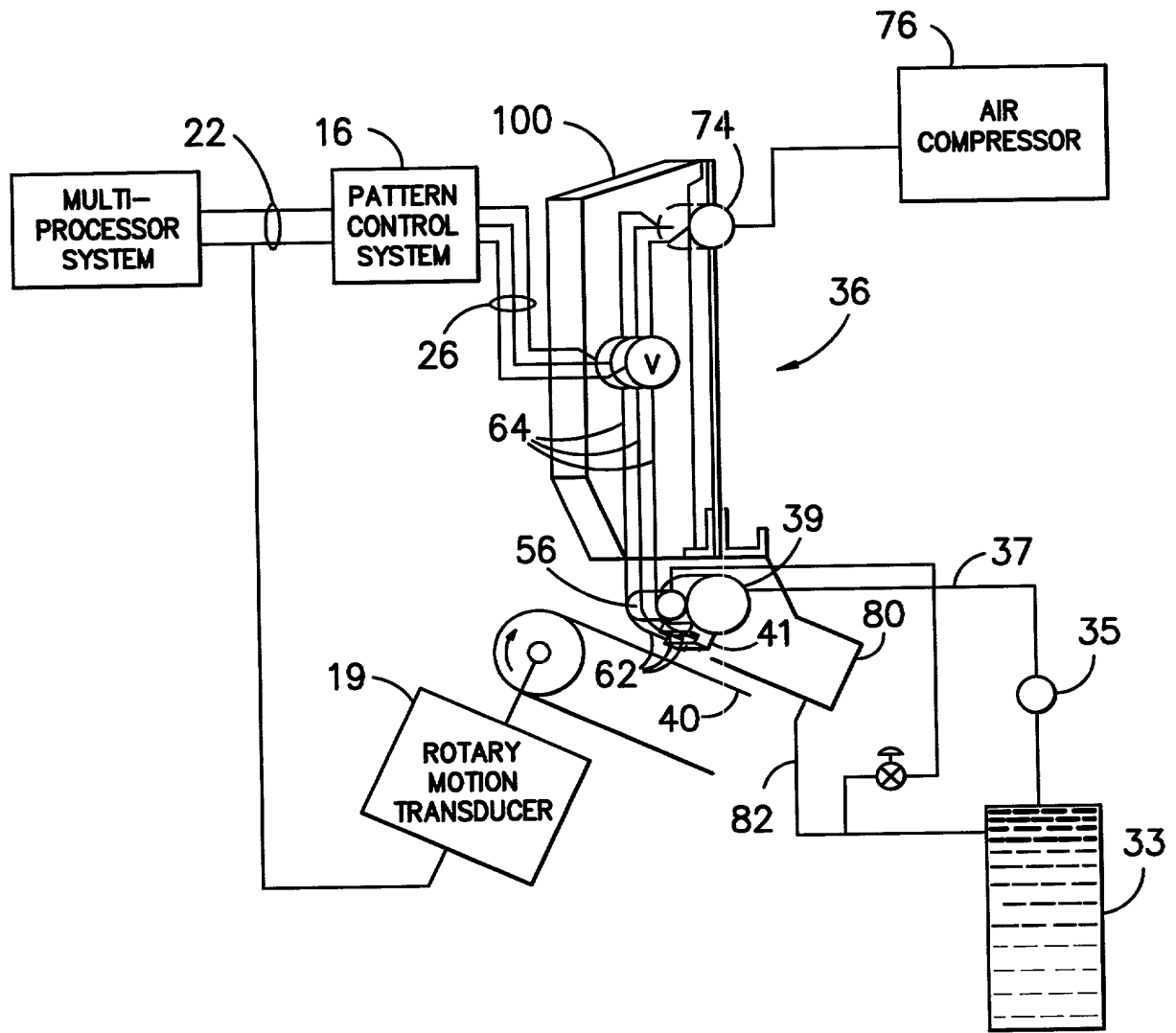


FIG. -9-

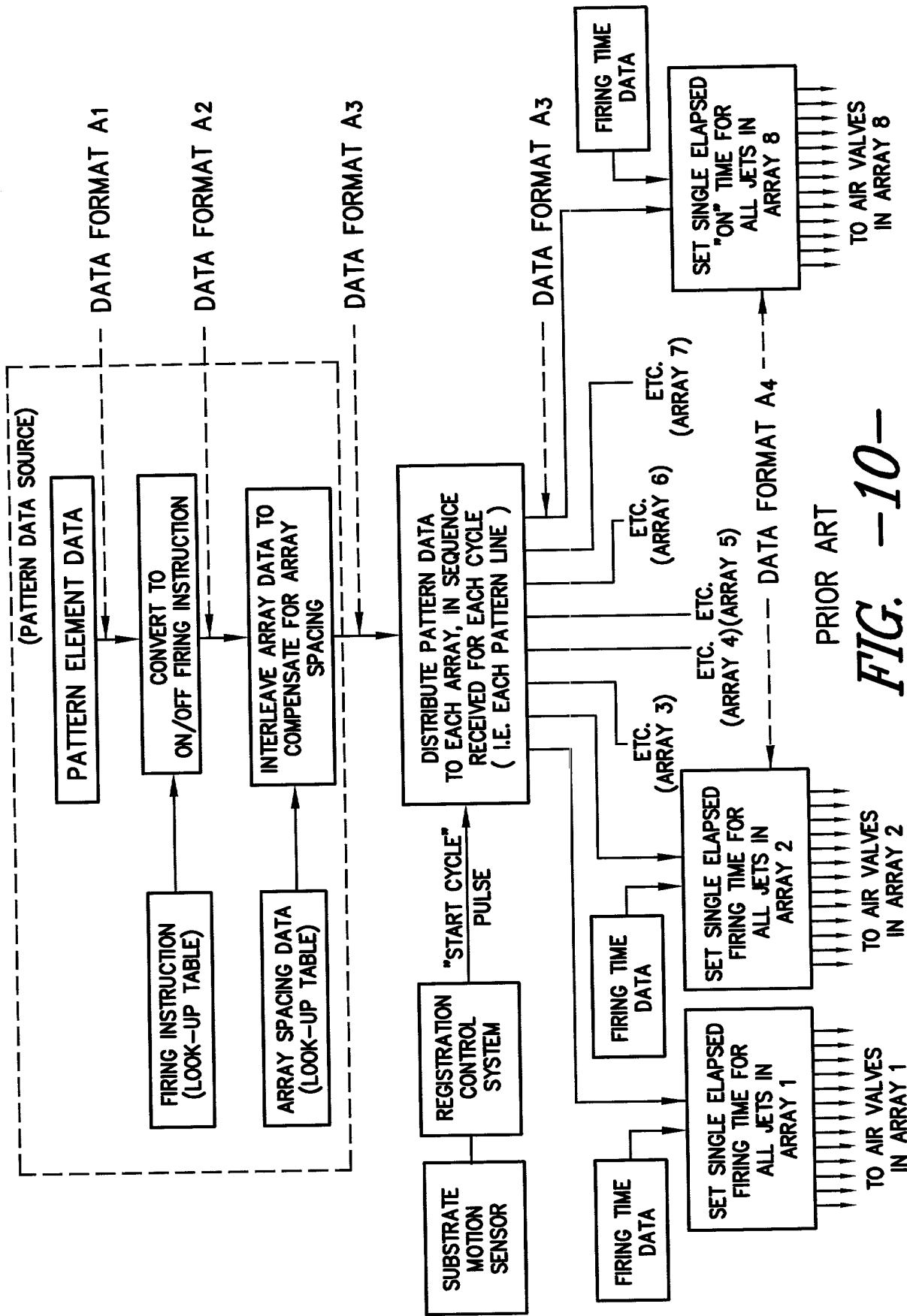
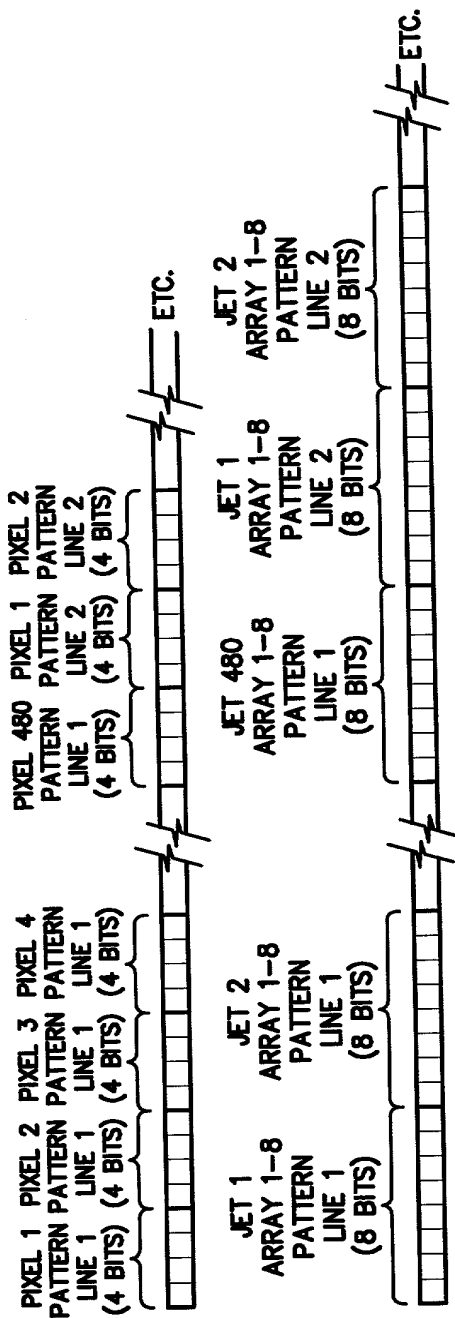


FIG. 10

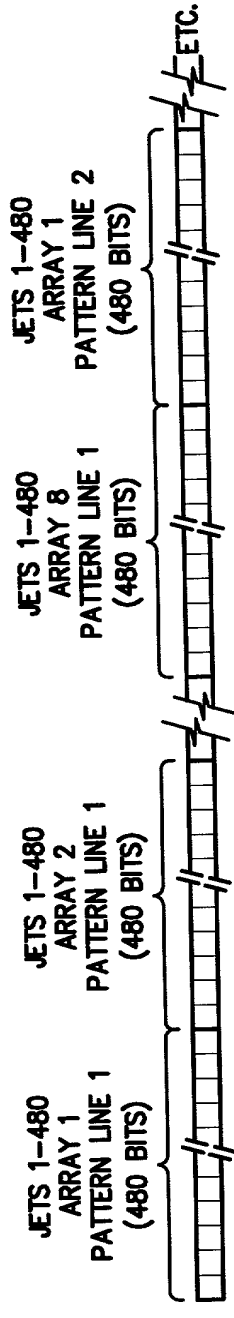
DATA FORMAT A1 :

4 BIT GROUP
DEFINES 1 OF 16 PRE-DEFINED
PATTERN ELEMENTS



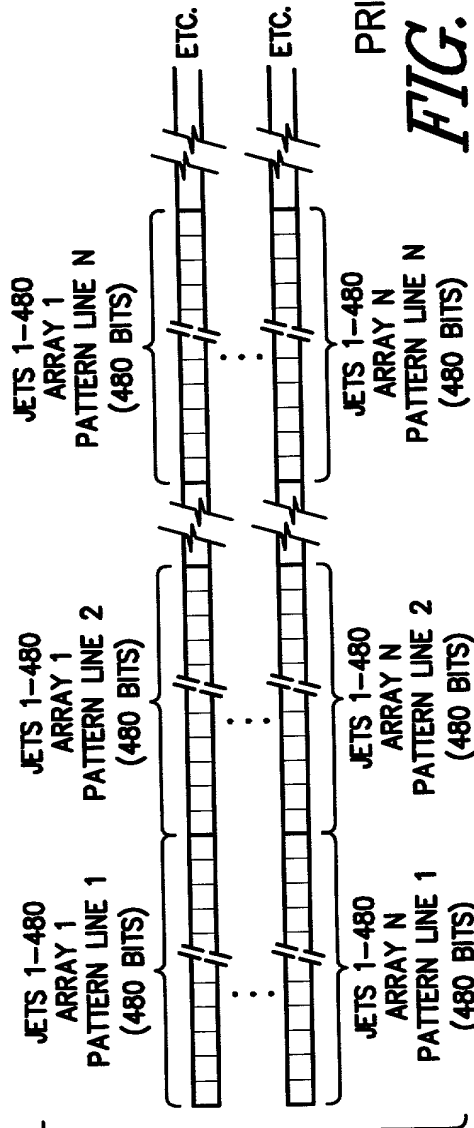
DATA FORMAT A2 :

EACH BIT INDICATES
"FIRE / NO FIRE"
FOR EACH JET ON
EACH ARRAY



DATA FORMAT A3 :

(EACH BIT INDICATES
"FIRE / NO FIRE" FOR EACH JET;
FIRING TIME TO BE PRESET)



DATA FORMAT A4 :

(EACH BIT INDICATES
"FIRE / NO FIRE" FOR EACH JET;
FIRING TIME IS PRESET)

PRIOR ART

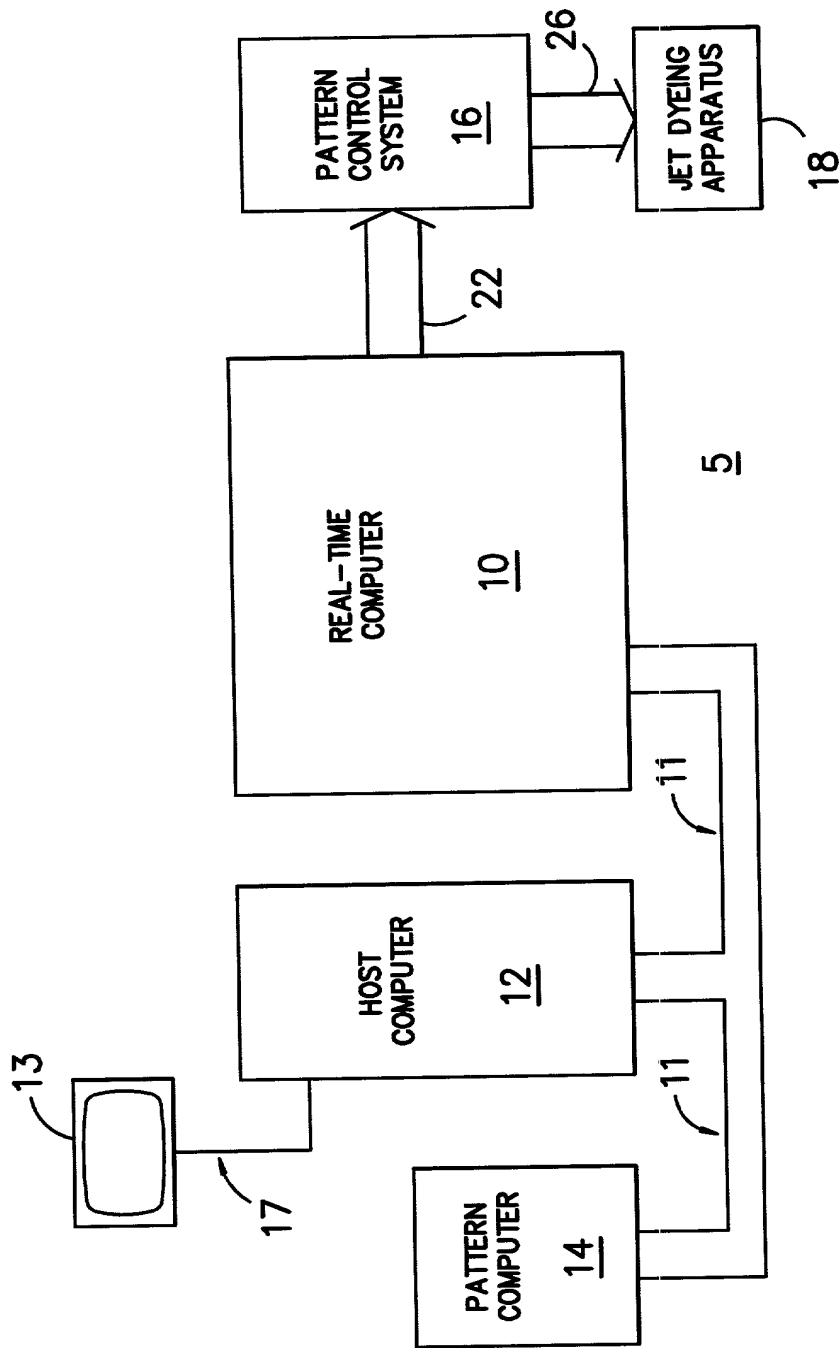
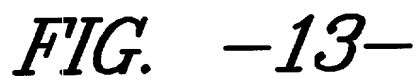


FIG. 12

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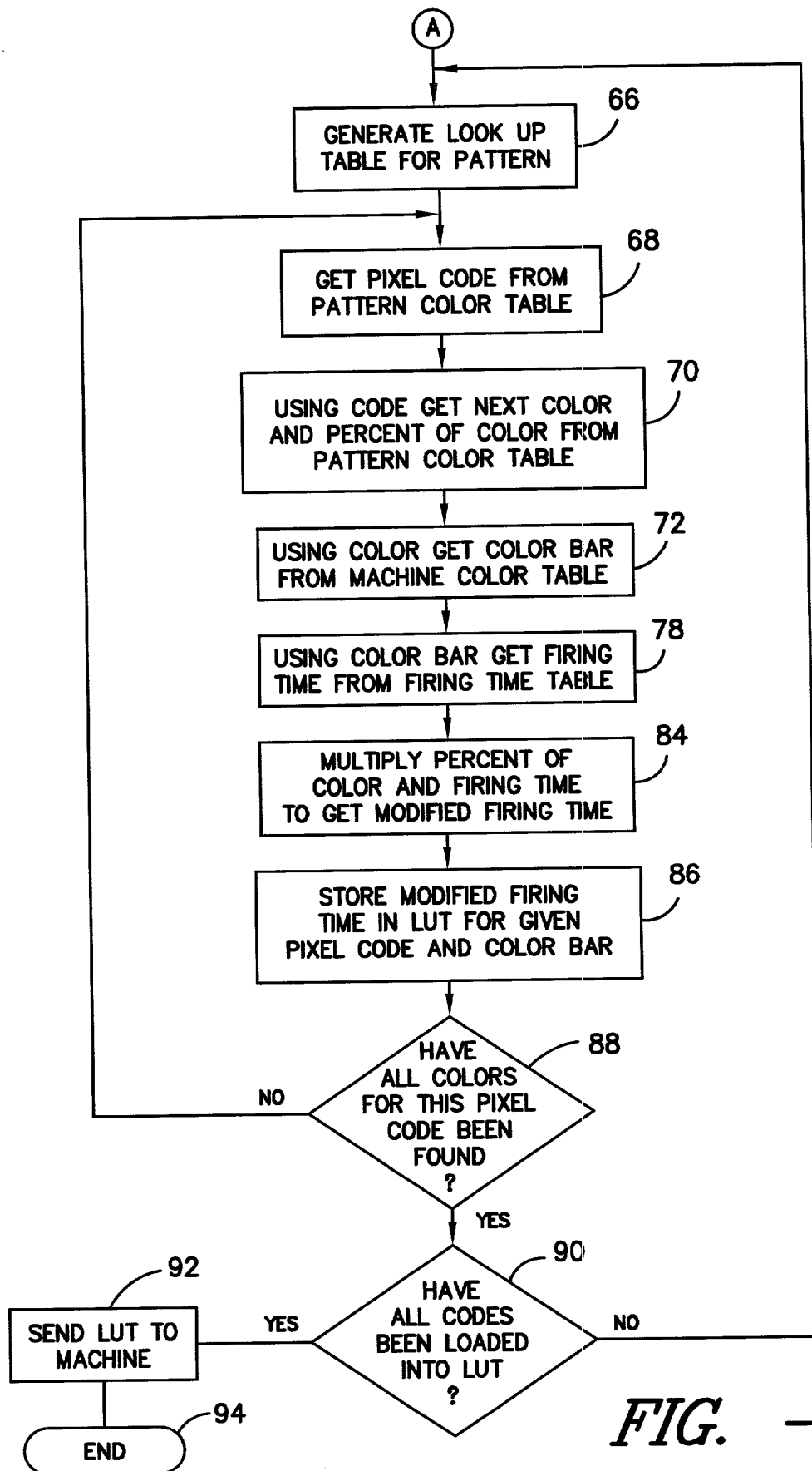


FIG. -14-

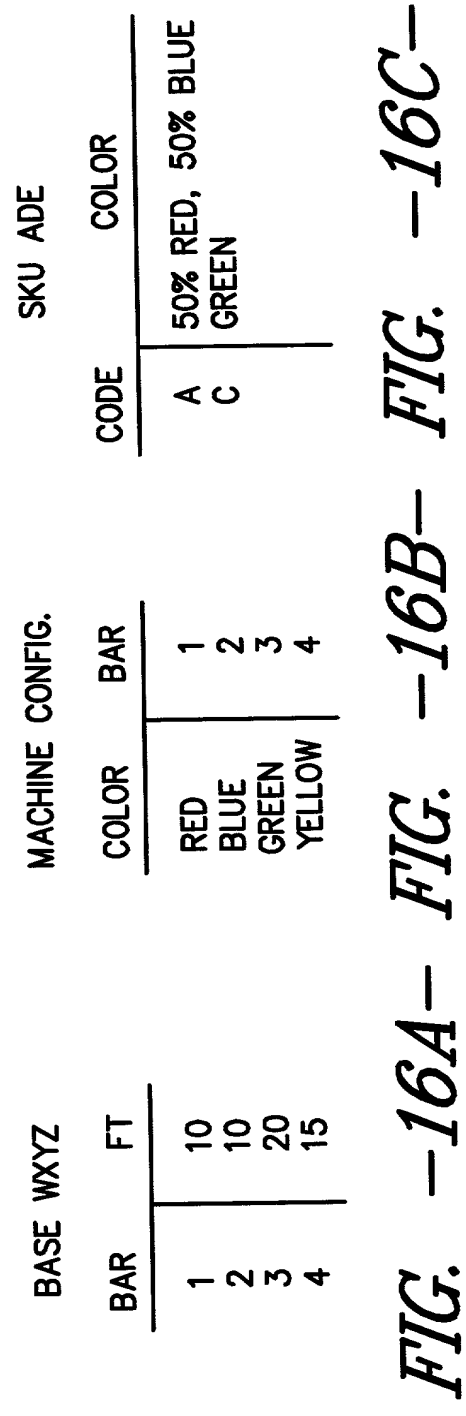
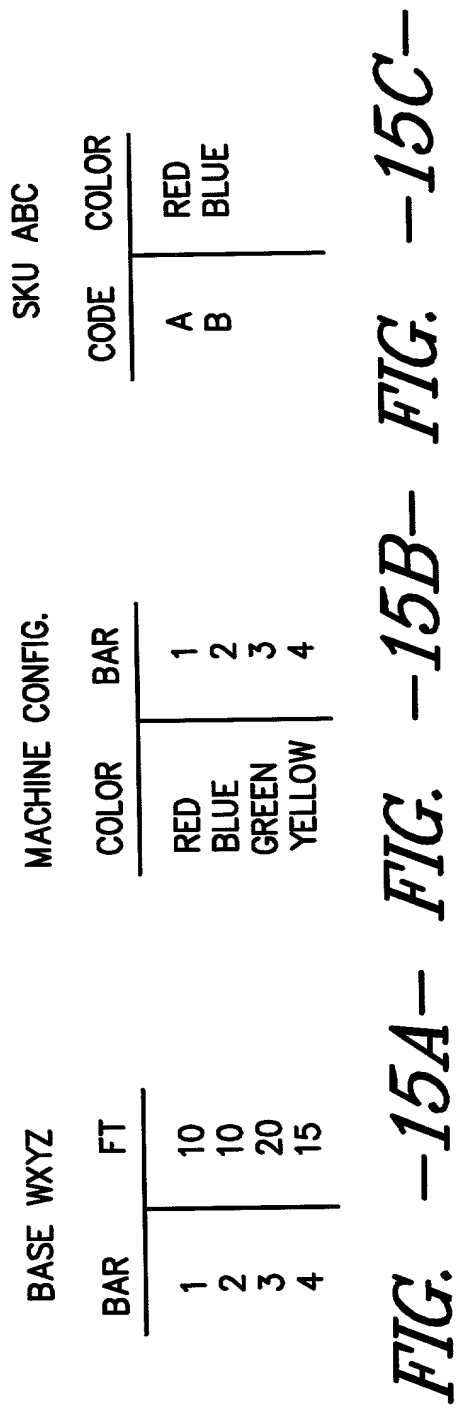


FIG. 15D

		LUT'S			
		1	2	3	4
C O D E S	A	10MS	0	0	0
	B	0	10MS	0	0

FIG. -15D-

		LUT'S			
		1	2	3	4
A	5MS	5MS	0	0	
C	0	0	20MS	0	

FIG. -16D-

LUT'S				
	1	2	3	4
A	0	0	20MS	0
B	0	10MS	0	0
C	5MS	2.5MS	0	3.75MS

FIG. -16E-

		LUT'S				
		1	2	3	4	5
A	0	0	0	0	0	10MS
B	0	10MS	0	0	0	0

FIG. -16F-

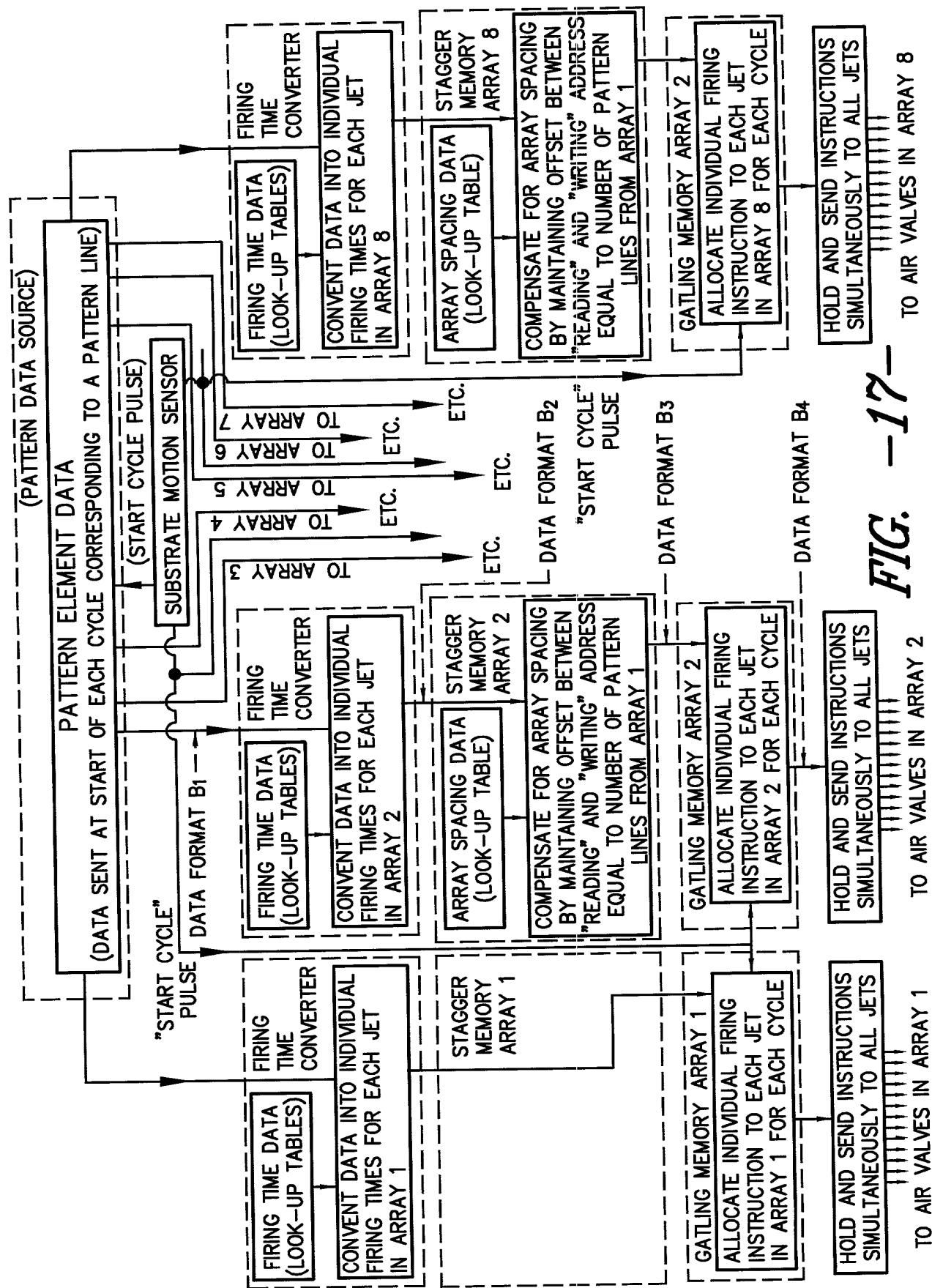


FIG. -17-

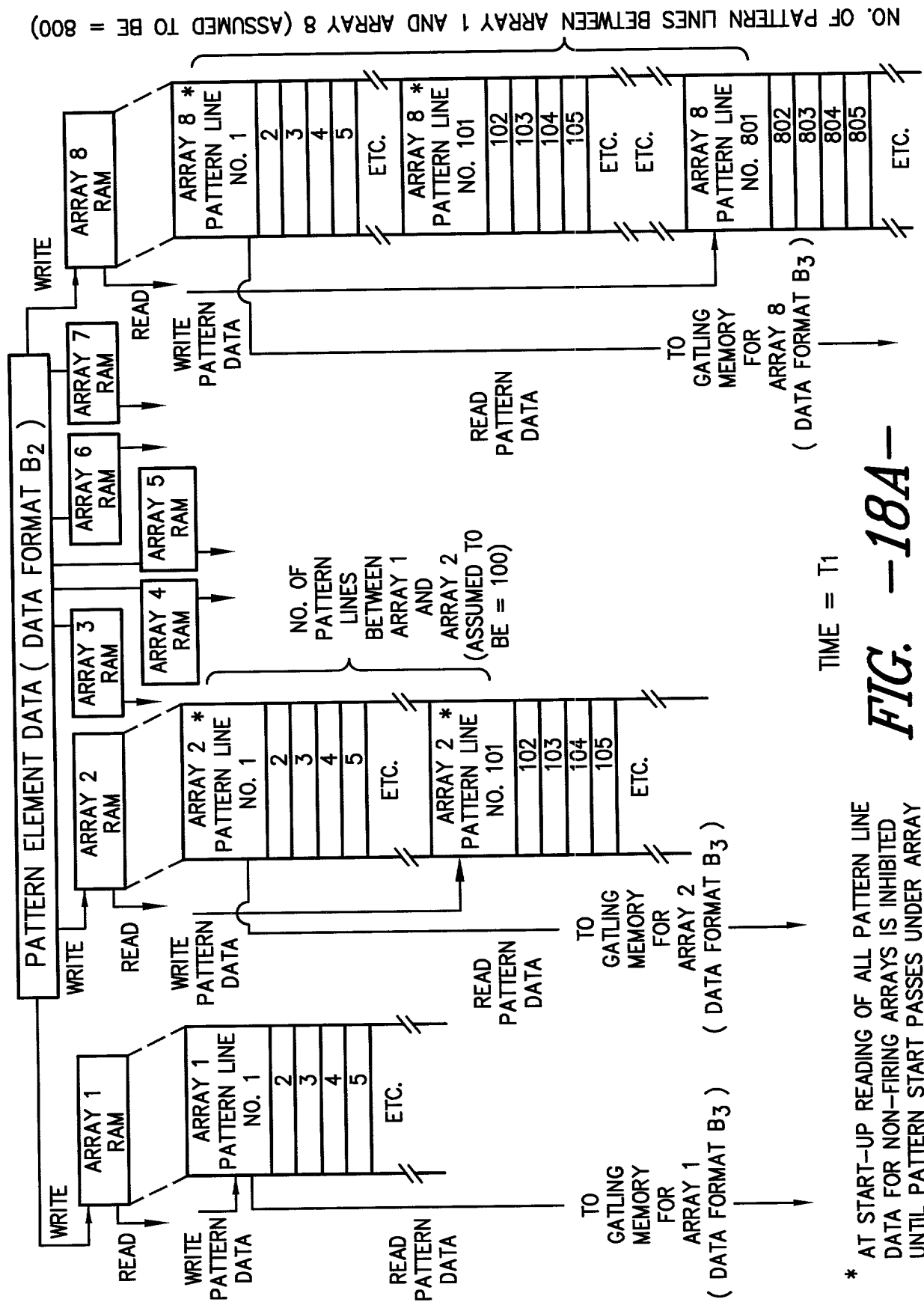


FIG. -18A-

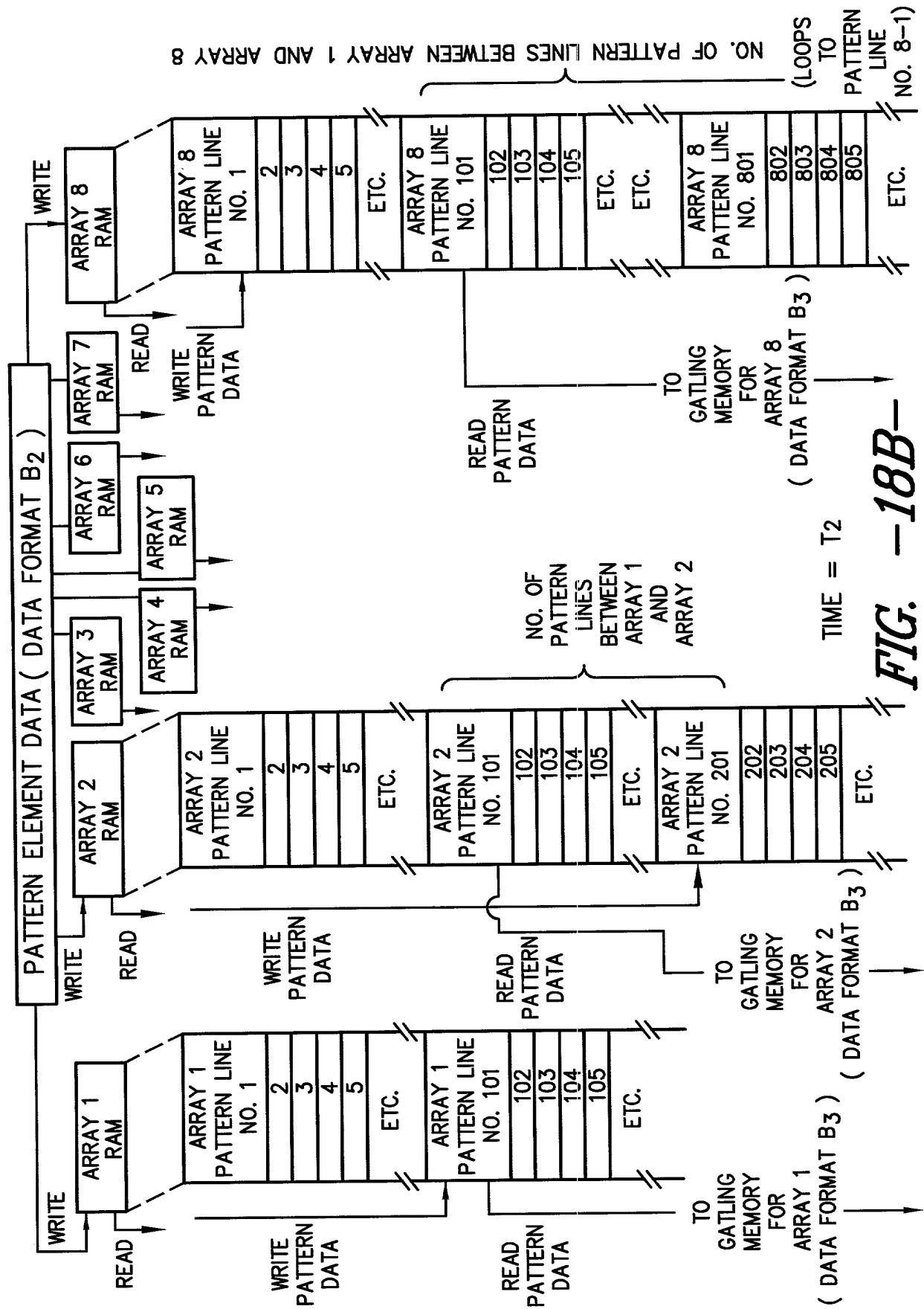
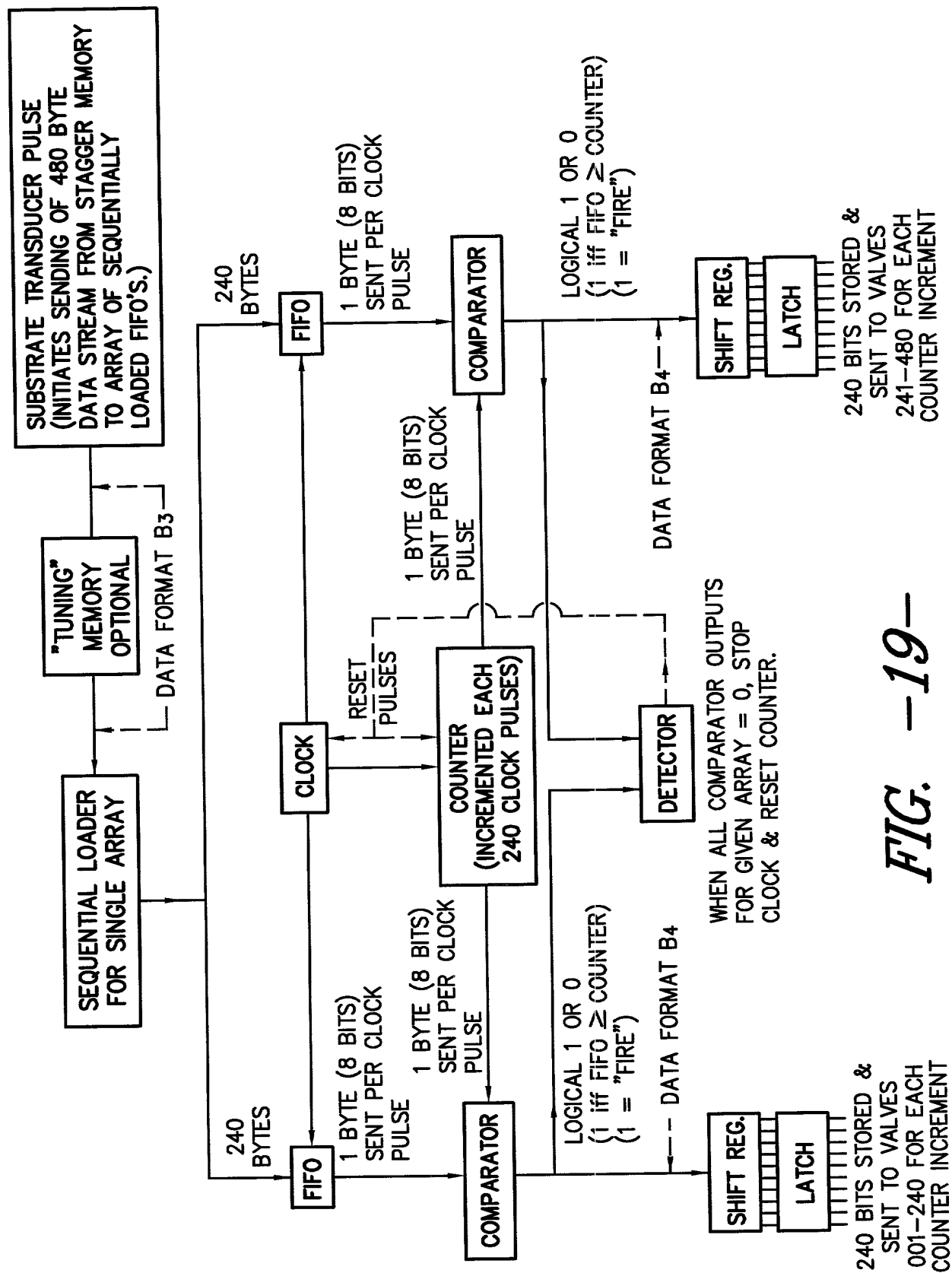
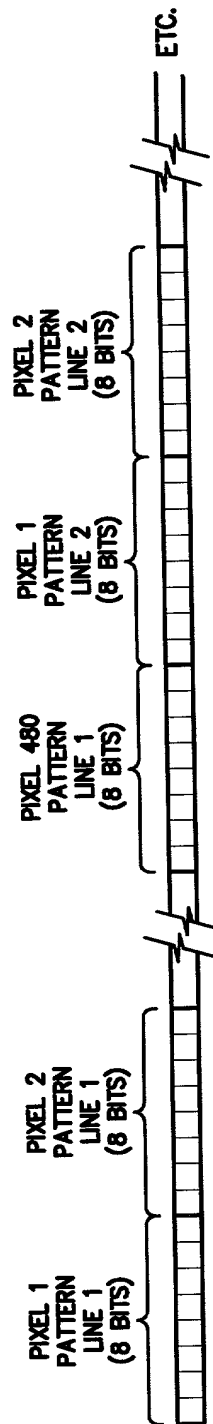


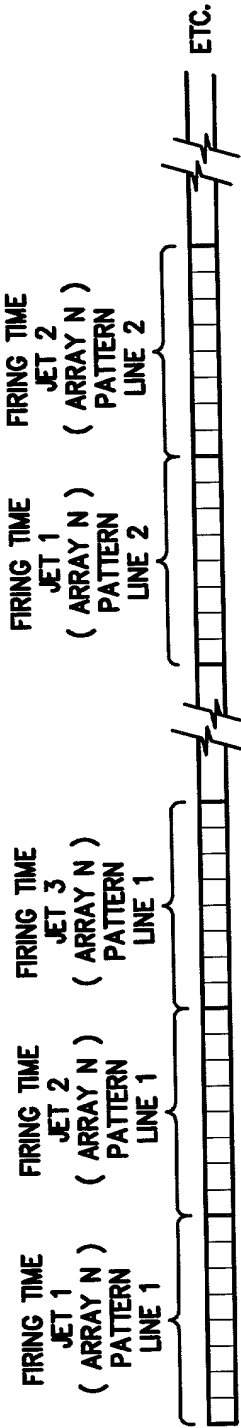
FIG. 18B



DATA FORMAT B1 :
(OUTPUT FROM PATTERN
DATA SOURCE)
8 BIT GROUP
DEFINES 1 OF 256
PRE-DEFINED
PATTERN ELEMENTS



DATA FORMAT B2 :
(OUTPUT FROM PATTERN
DATA SOURCE)
EACH 8 BIT GROUP
DEFINES 1 OF 256
POSSIBLE FIRING TIMES



DATA FORMAT SAME AS B2

DATA FORMAT B3 :
(OUTPUT FROM STAGGER MEMORY)
DATA HAS BEEN RESEQUENCED/DELAYED
TO ACCOMODATE INTER-ARRAY SPACING

DATA FORMAT B4 :
(OUTPUT FROM PATTERN
DATA SOURCE)
EACH BIT INDICATES
"FIRE / NO FIRE"
COMMAND FOR
GIVEN ARRAY

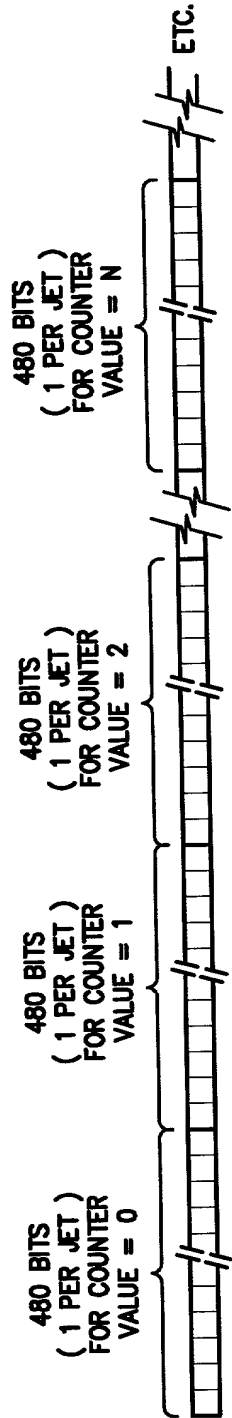


FIG. -20-

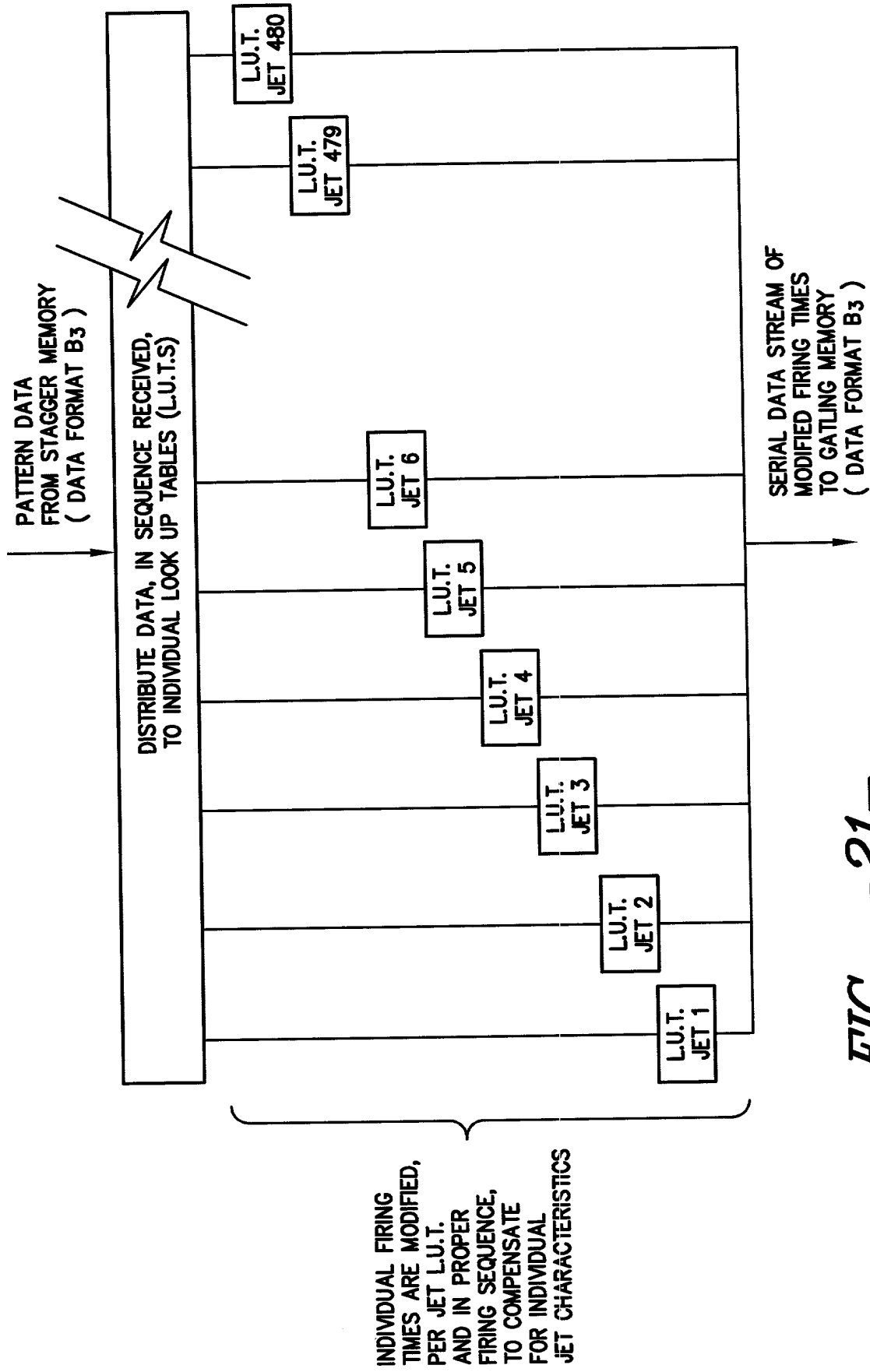


FIG. -21-